

1 January – 31 July 2008

*Provisional data*

# Monthly infectious disease summary report

## July 2008



Reportable diseases list: <http://doh.sd.gov/Disease/Report.aspx>

South Dakota Department of Health confidential disease reporting: 1-800-592-1804

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# South Dakota infectious disease summary

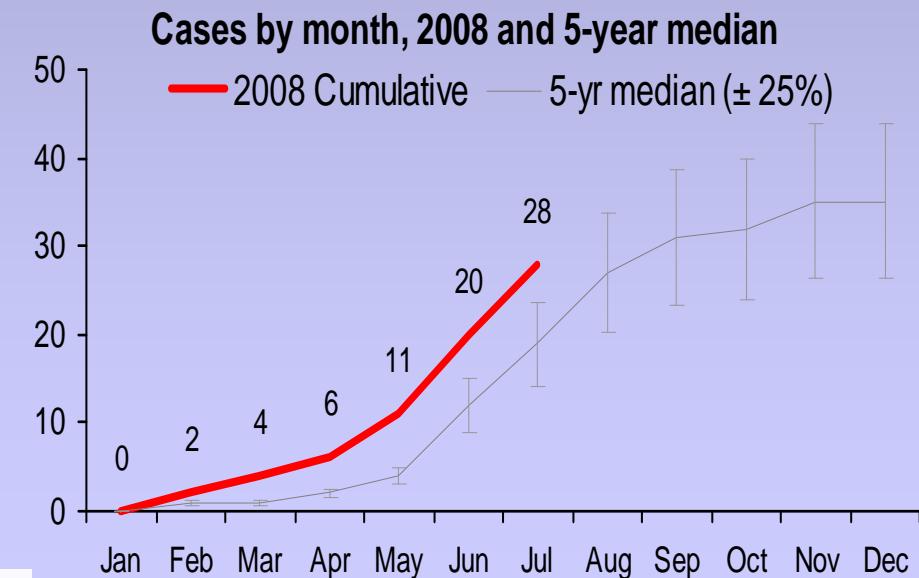
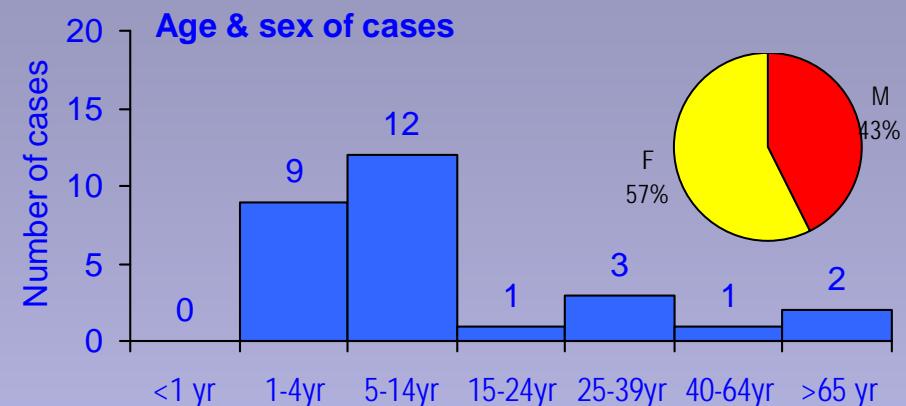
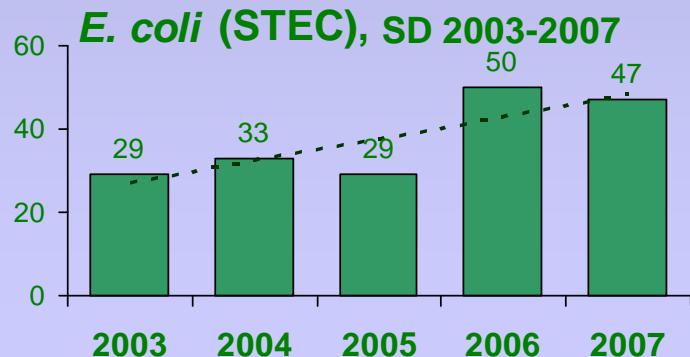
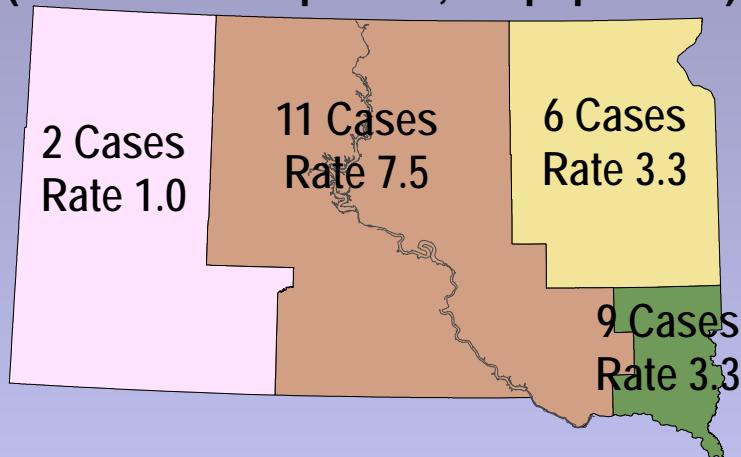
Diseases/Agent	Cases year-to-date	Rate (cases per 100,000 population)	5-yr median cases	Percent change
Campylobacter	168	21.1	143	+17%
Chlamydia	1648	207.0	1462	+13%
Cryptosporidiosis	29	3.6	23	+26%
E. coli, shiga toxin-producing	28	3.5	19	+47%
Giardiasis	56	7.0	40	+40%
Gonorrhea	170	21.4	150	+13%
HIV AIDS	22	2.8	15	+47%
Meningococcal, invasive	1	0.1	2	-50%
MRSA	41	5.1	26	+58%
Rabies, animal	14	NA	51	-73%
Salmonella	75	9.4	77	-3%
Shigellosis	75	9.4	20	+275%
Strep A, invasive	16	2.0	9	+78%
Strep B, invasive	9	1.1	9	0%
Tuberculosis	6	0.8	7	-14%
West Nile	7	0.9	57	-88%

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# *E. coli, shiga toxin-producing, South Dakota*

**E. coli, Shiga toxin-producing  
South Dakota 28 Cases  
(Rate 3.5 cases per 100,000 population)**



E. coli fact sheet: <http://doh.sd.gov/diseasefacts>

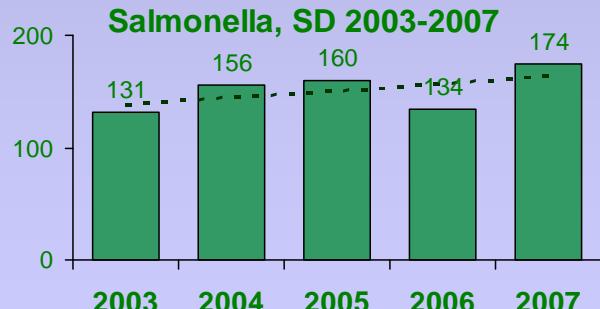
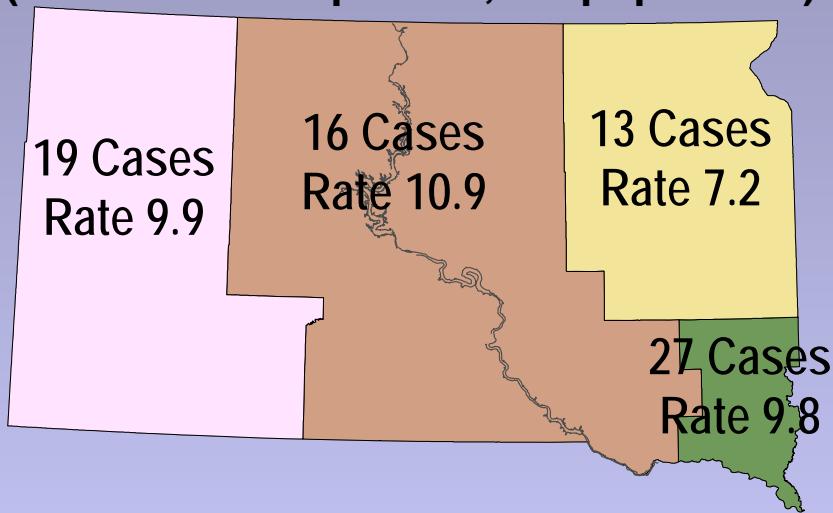
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

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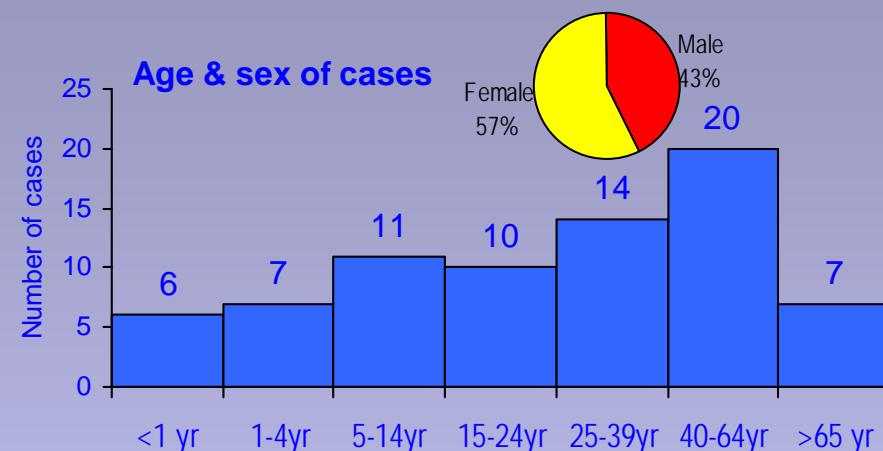
*Provisional data*

# Salmonellosis, South Dakota

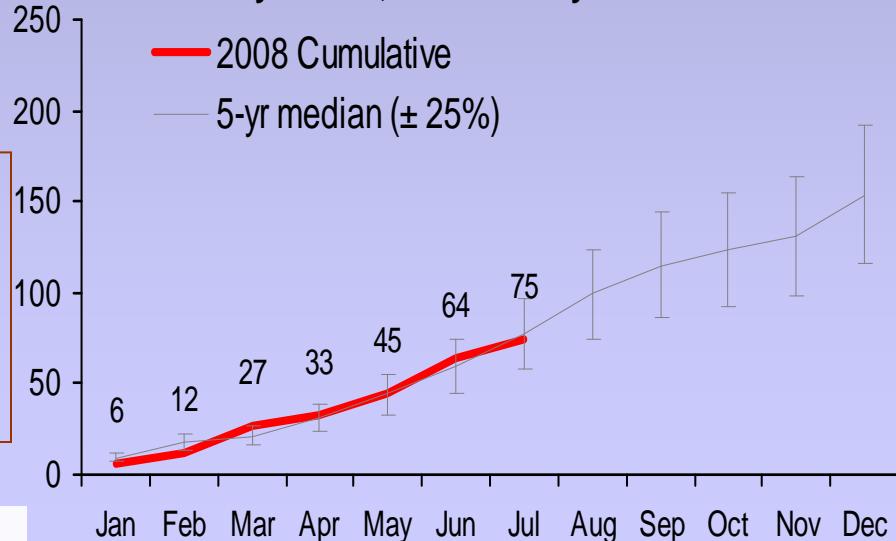
Salmonellosis  
South Dakota 75 Cases  
(Rate 9.4 cases per 100,000 population)



Serotype (number)
S. Enteritidis 15
S. Heidelberg 7
S. Montevideo 5
S. Saintpaul 3
S. Typhimurium 16
All other serotypes <3



## Cases by month, 2008 and 5-year median



Salmonella fact sheet: <http://doh.sd.gov/diseasefacts>

South Dakota Department of Health confidential disease reporting: 1-800-592-1804

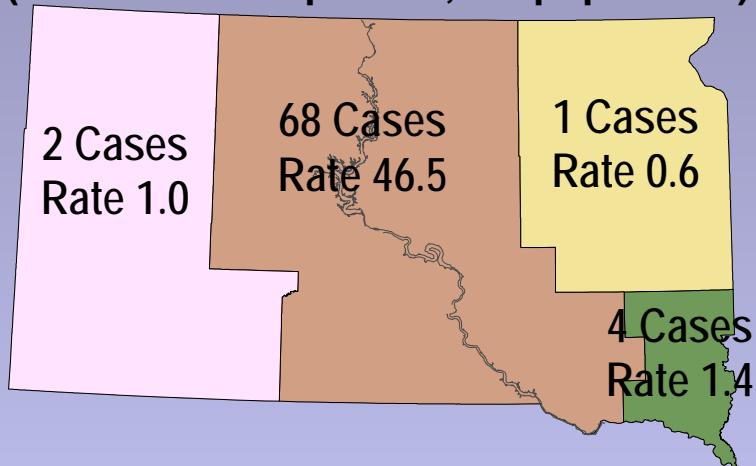
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# Shigellosis, South Dakota

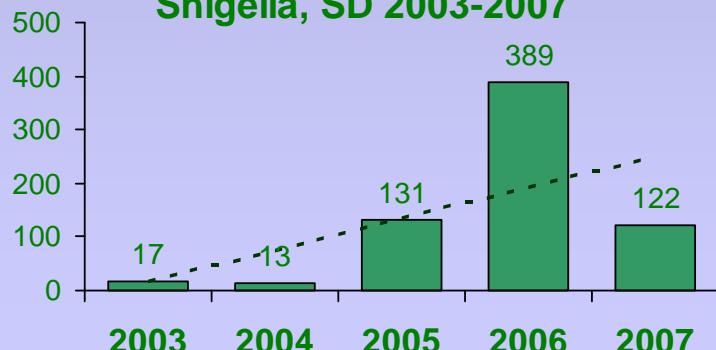
## Shigellosis

South Dakota 75 Cases  
(Rate 9.4 cases per 100,000 population)



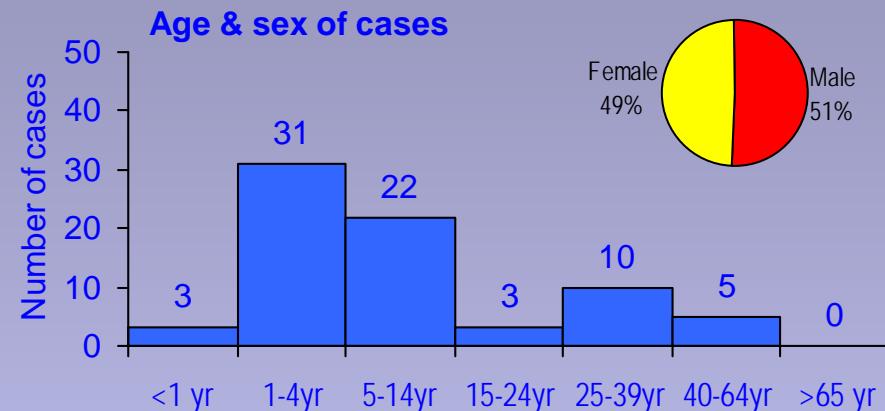
*Shigella sonnei* 97%, *Shigella flexneri* 3%

## Shigella, SD 2003-2007

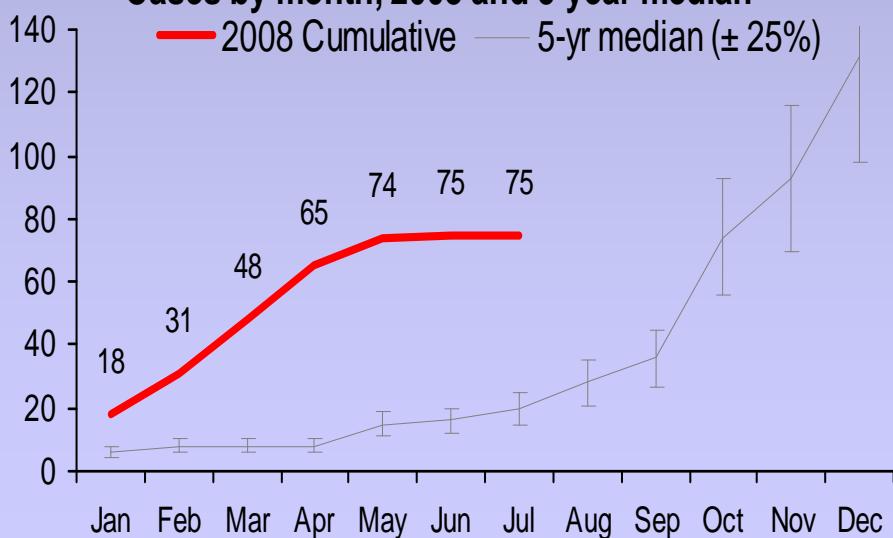


Shigella fact sheet: <http://doh.sd.gov/diseasefacts>

## Age & sex of cases



## Cases by month, 2008 and 5-year median

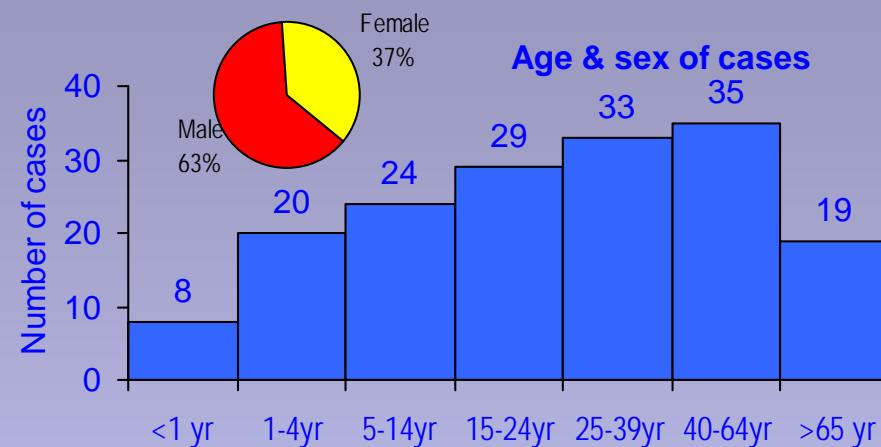
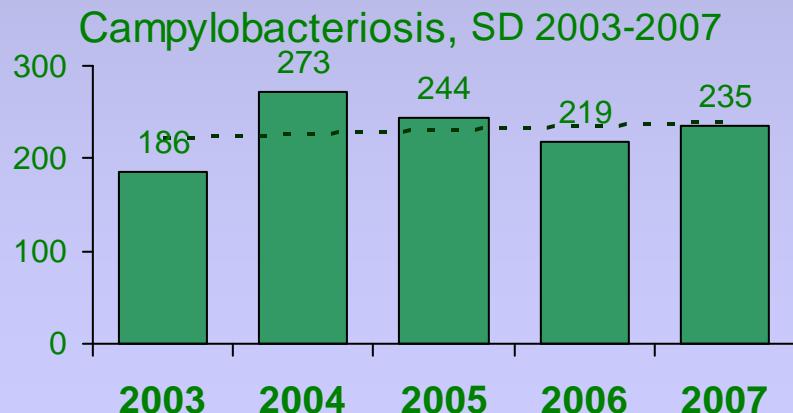
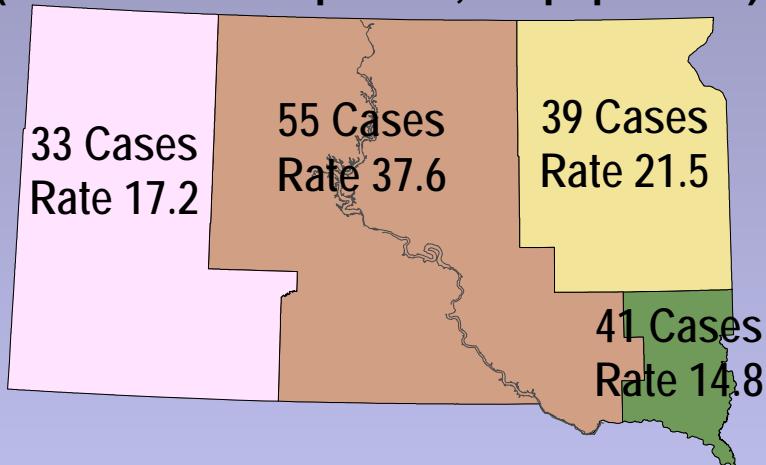


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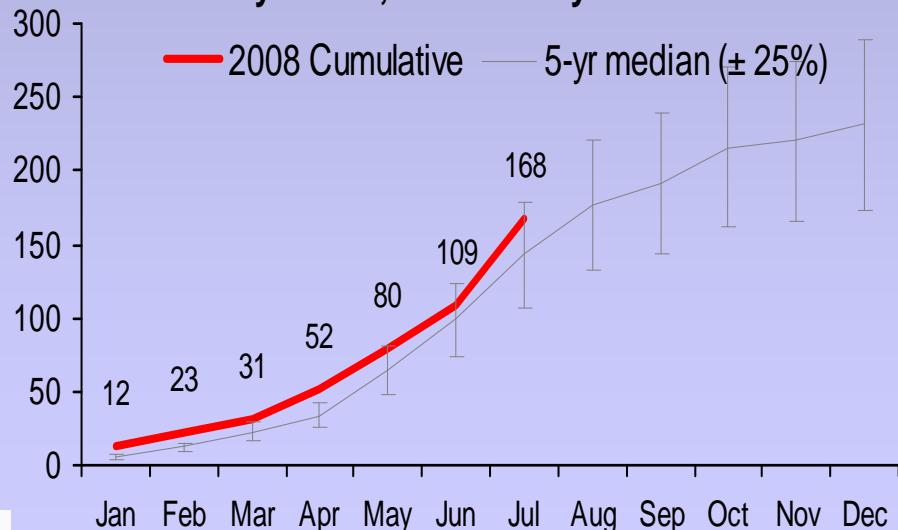
*Provisional data*

# Campylobacteriosis, South Dakota

**Campylobacter**  
South Dakota 168 Cases  
(Rate 21.1 cases per 100,000 population)



Cases by month, 2008 and 5-year median



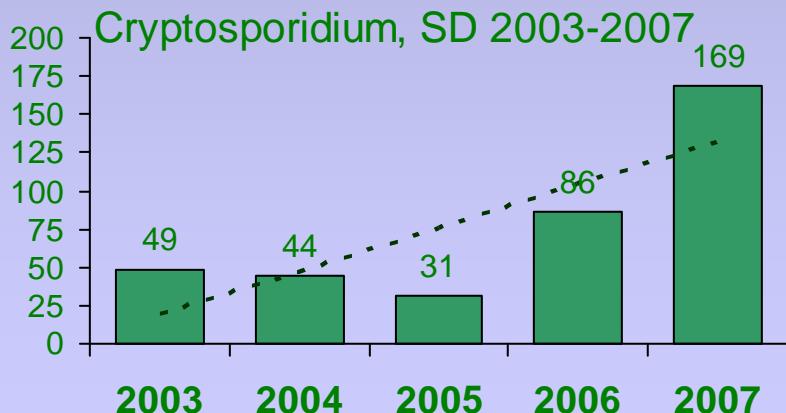
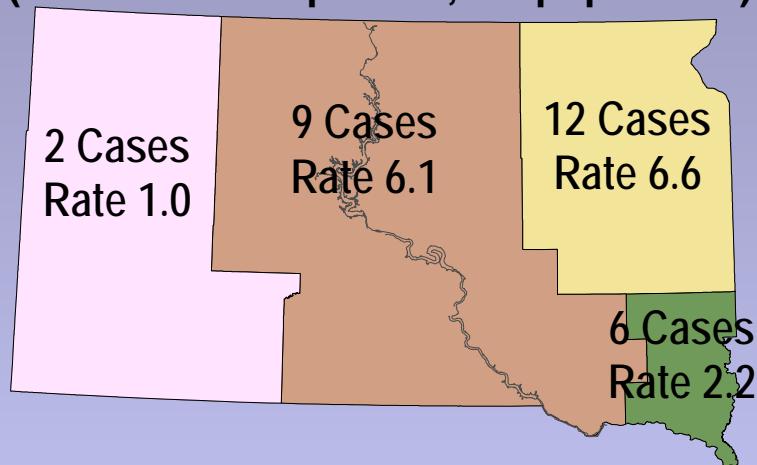
Campylobacter fact sheet: <http://doh.sd.gov/diseasefacts>

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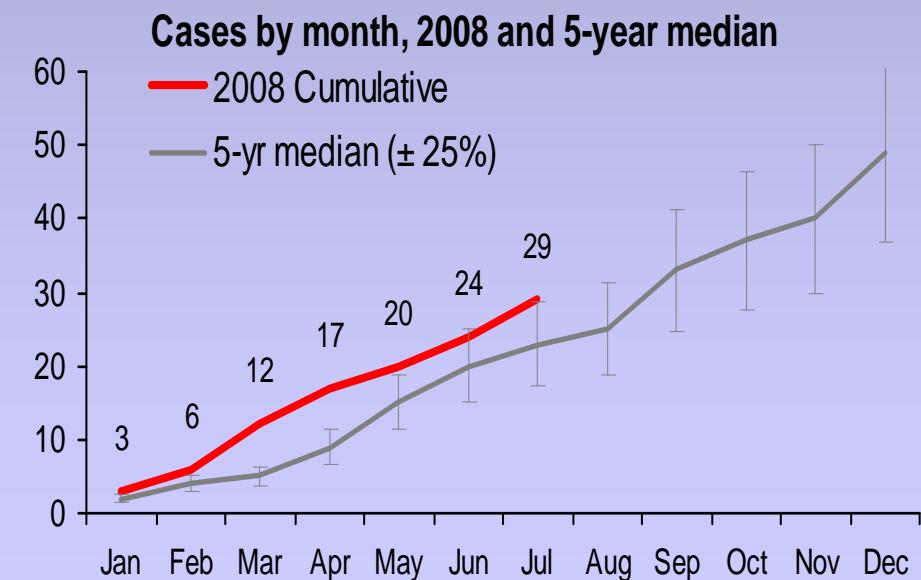
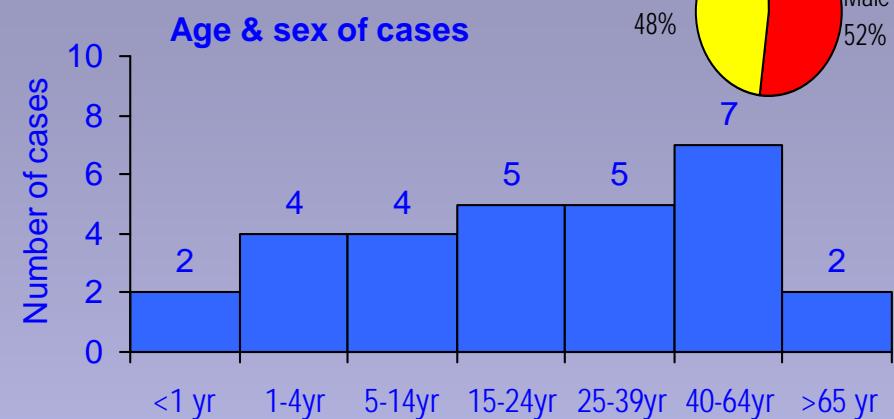
*Provisional data*

# Cryptosporidiosis, South Dakota

Cryptosporidiosis  
South Dakota 29 Cases  
(Rate 3.6 cases per 100,000 population)



Cryptosporidiosis fact sheet:  
<http://doh.sd.gov/diseasefacts>

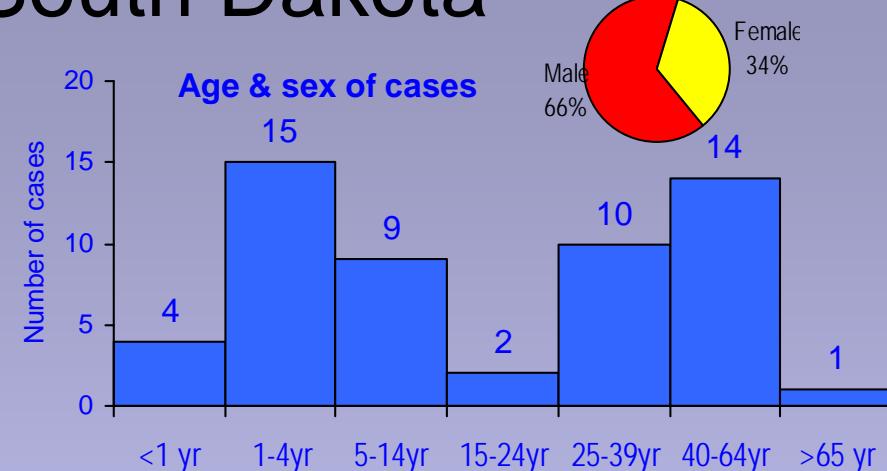
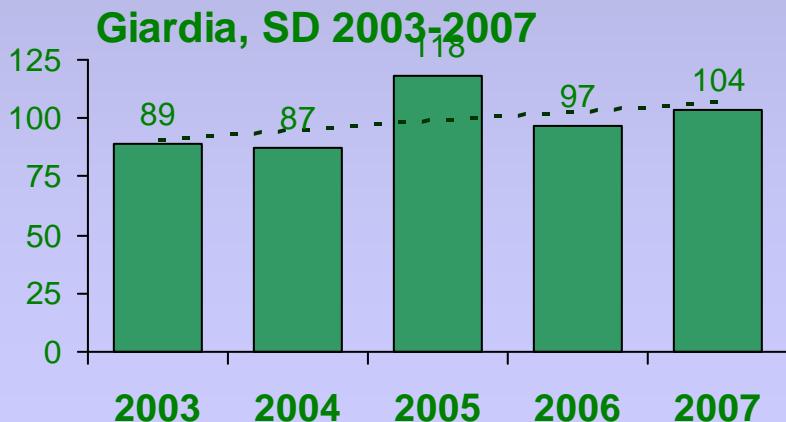
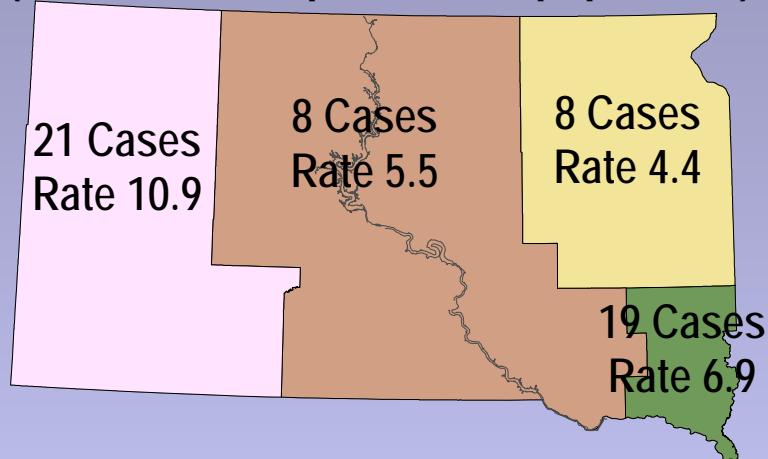


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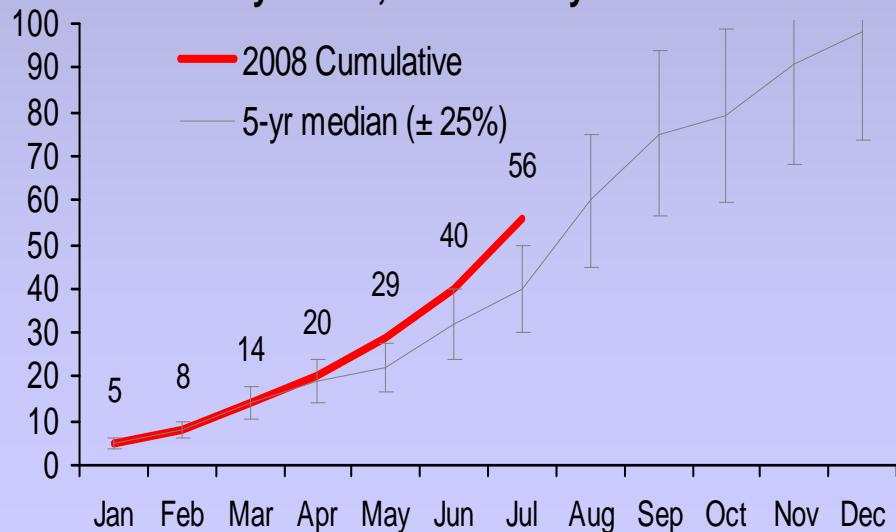
*Provisional data*

# Giardiasis, South Dakota

**Giardiasis**  
South Dakota 56 Cases  
(Rate 7.0 cases per 100,000 population)



## Cases by month, 2008 and 5-year median

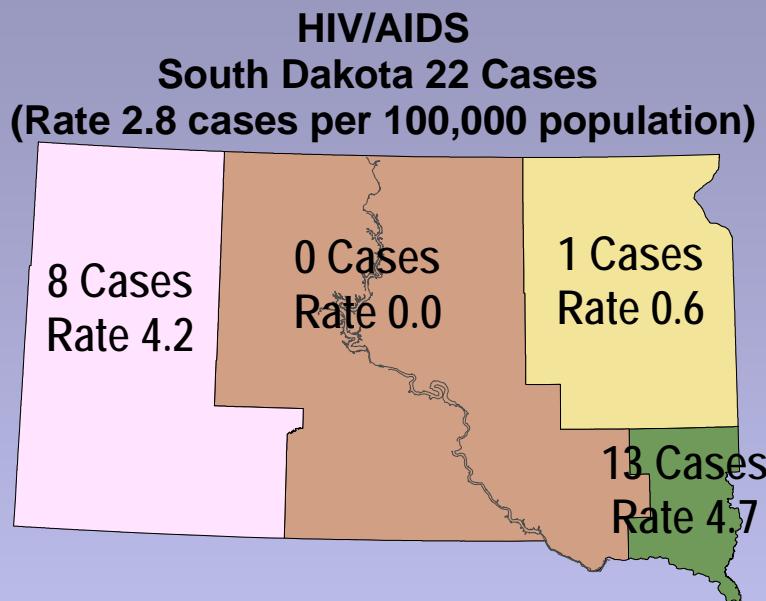


Giardia fact sheet: <http://doh.sd.gov/diseasefacts>

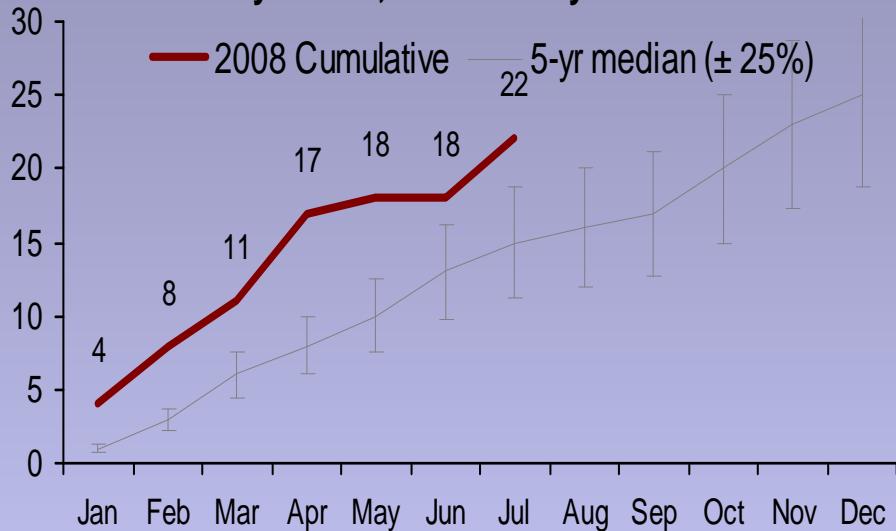
1 January – 31 July 2008

*Provisional data*

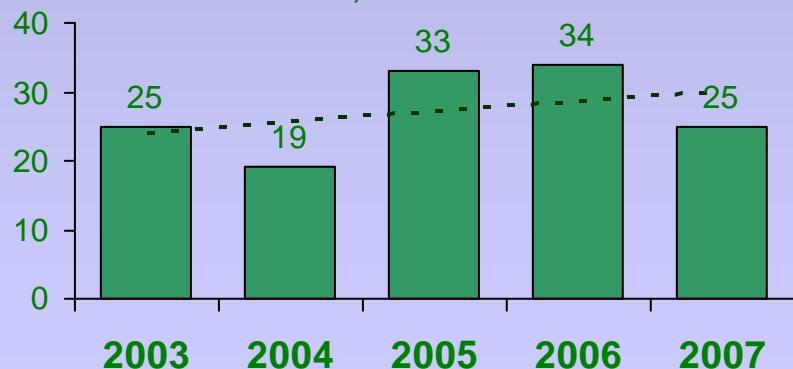
# HIV/AIDS, South Dakota



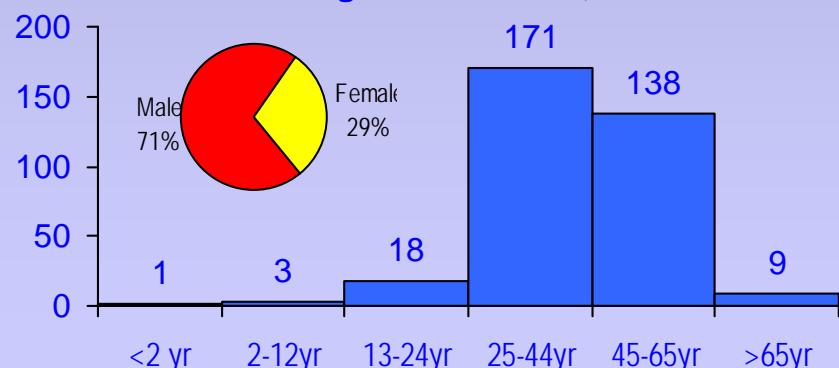
Cases by month, 2008 and 5-year median



**HIV/AIDS, SD 2003-2007**



**Persons living with HIV/AIDS, SD total 340**



HIV/AIDS Surveillance : <http://doh.sd.gov/Disease/statistics.aspx>

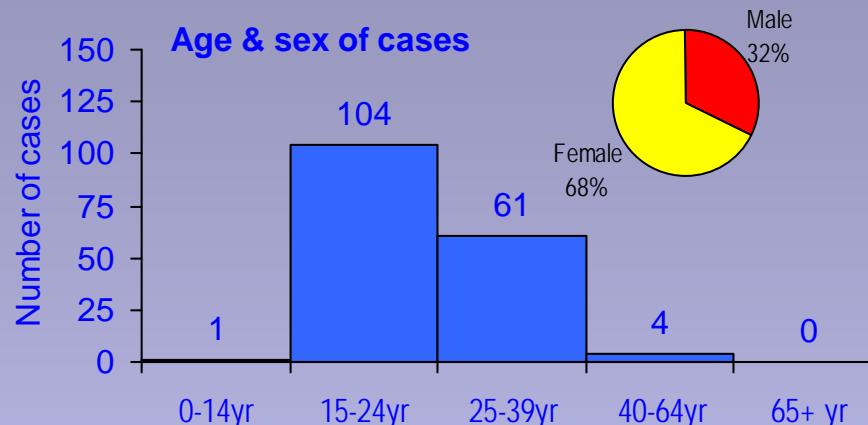
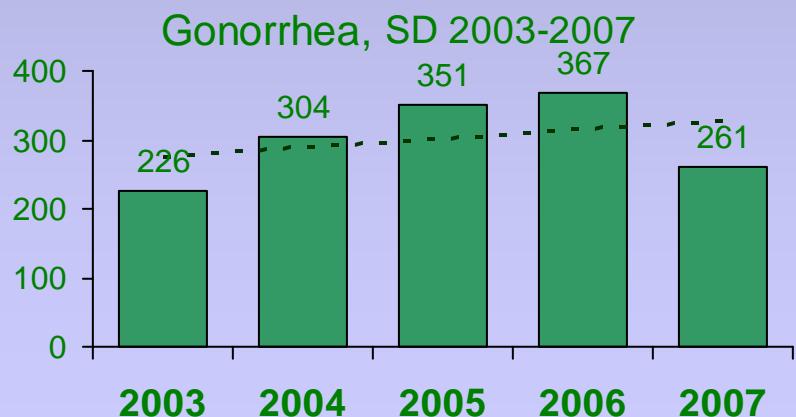
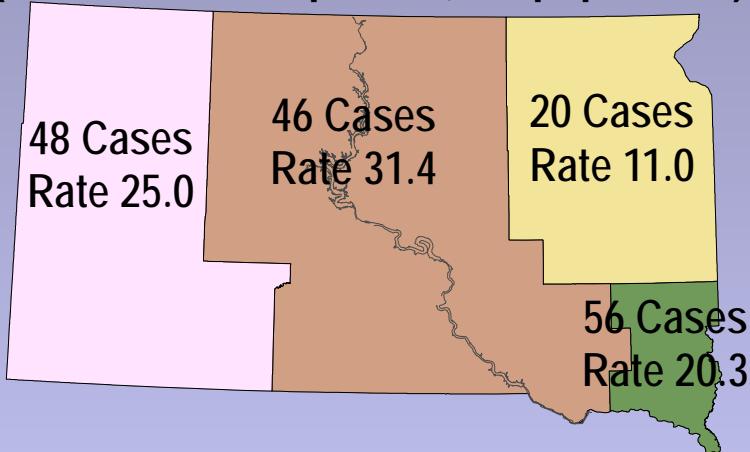
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 31 July 2008

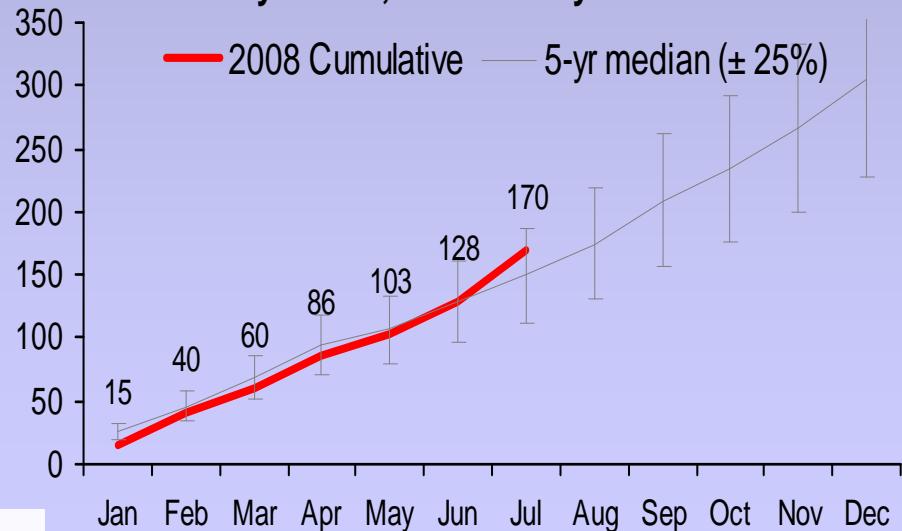
*Provisional data*

# Gonorrhea, South Dakota

**Gonorrhea  
South Dakota 170 Cases  
(Rate 21.4 cases per 100,000 population)**



## Cases by month, 2008 and 5-year median



Gonorrhea fact sheet: <http://doh.sd.gov/diseasefacts>

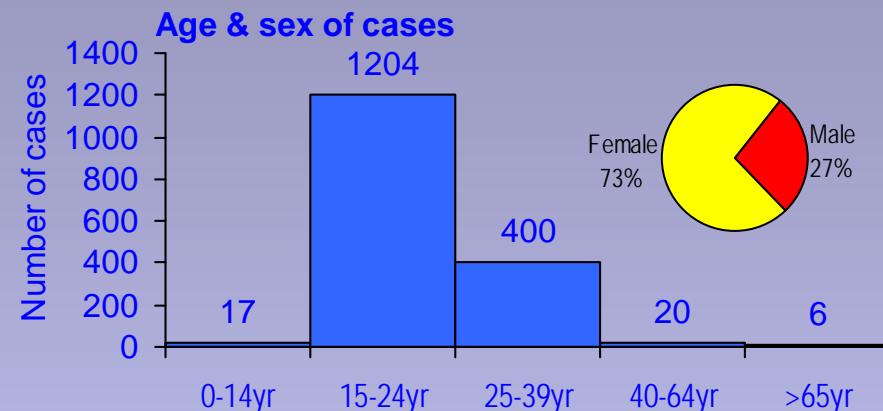
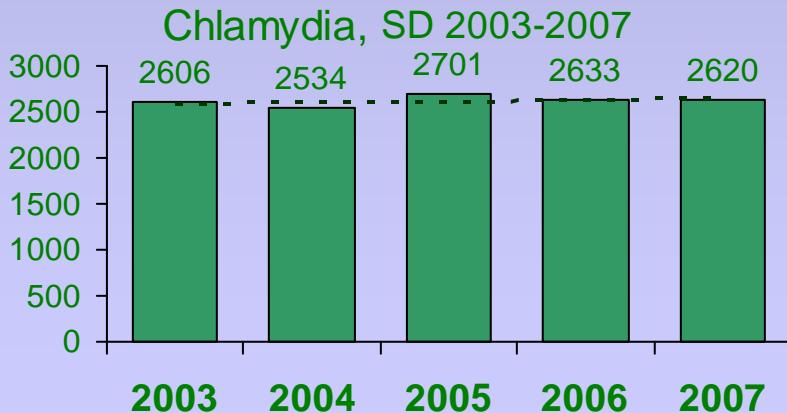
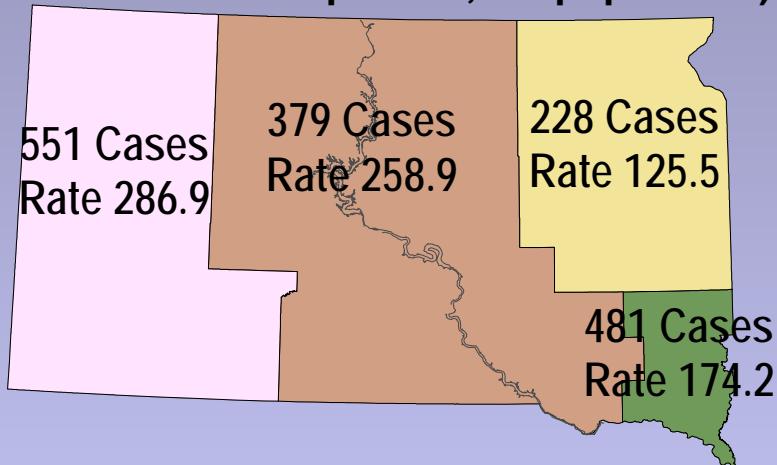
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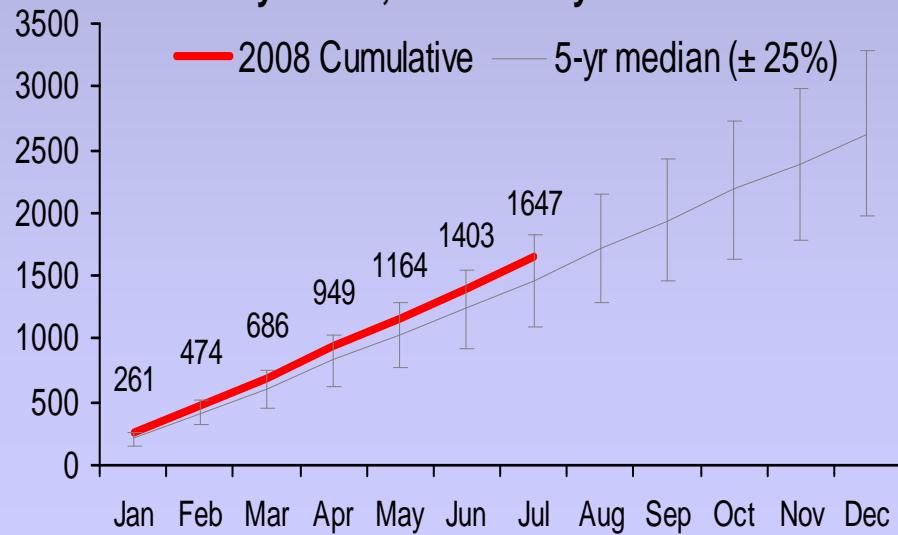
*Provisional data*

# Chlamydia, South Dakota

Chlamydia  
South Dakota 1,639 Cases  
(Rate 205.8 cases per 100,000 population)



## Cases by month, 2008 and 5-year median



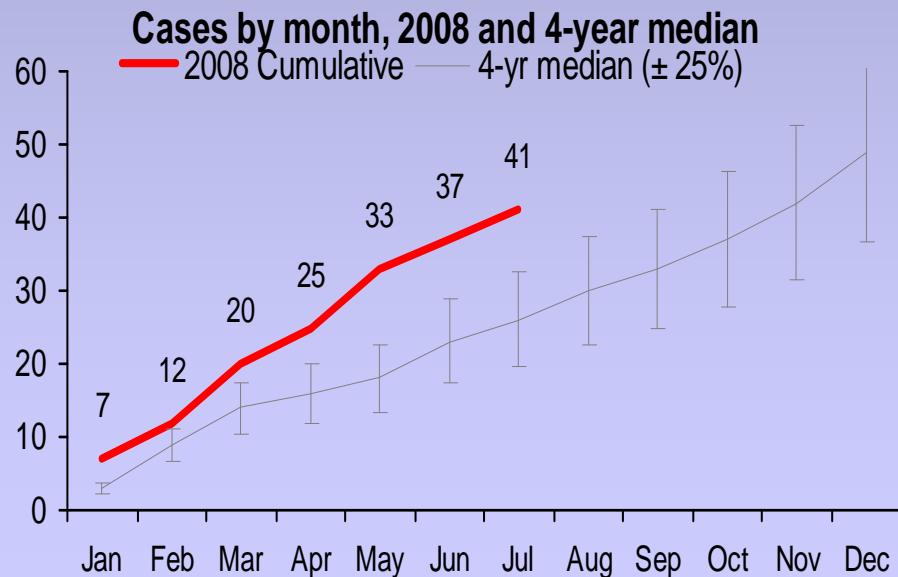
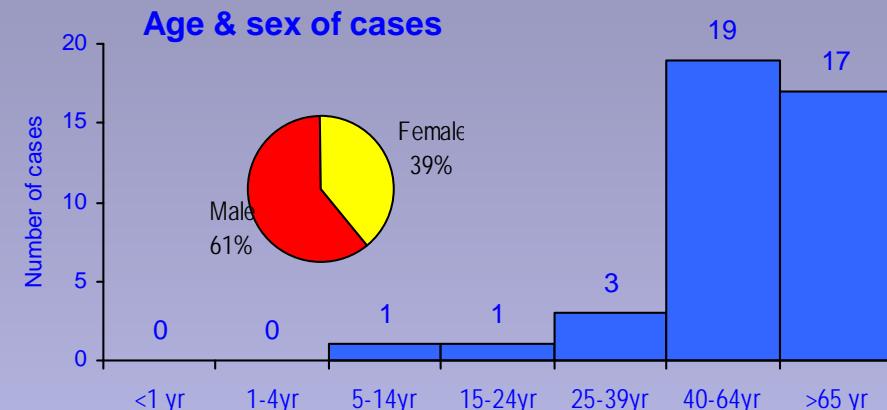
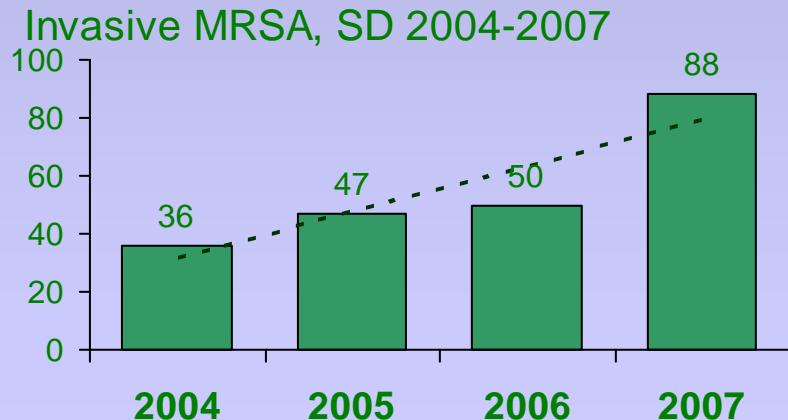
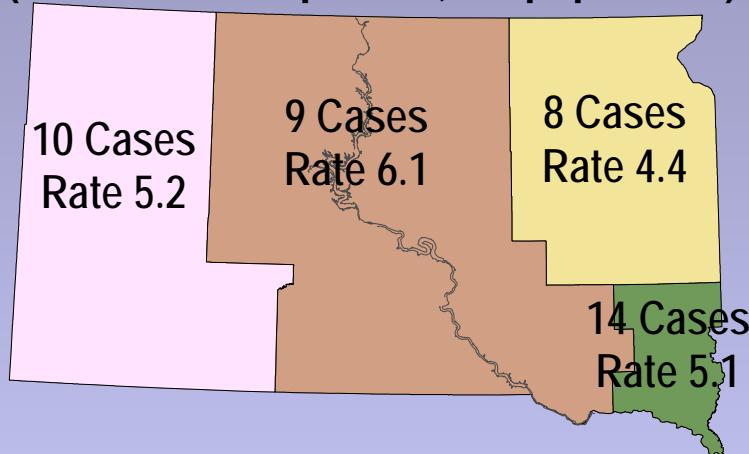
1 January – 31 July 2008

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# Invasive MRSA, South Dakota

(Invasive Methicillin-Resistant *Staphylococcus aureus*)

MRSA, Invasive  
South Dakota 41 Cases  
(Rate 5.1 cases per 100,000 population)

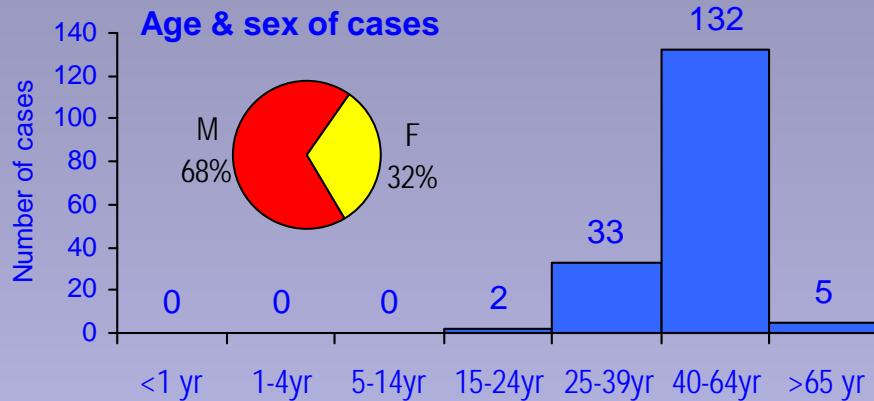
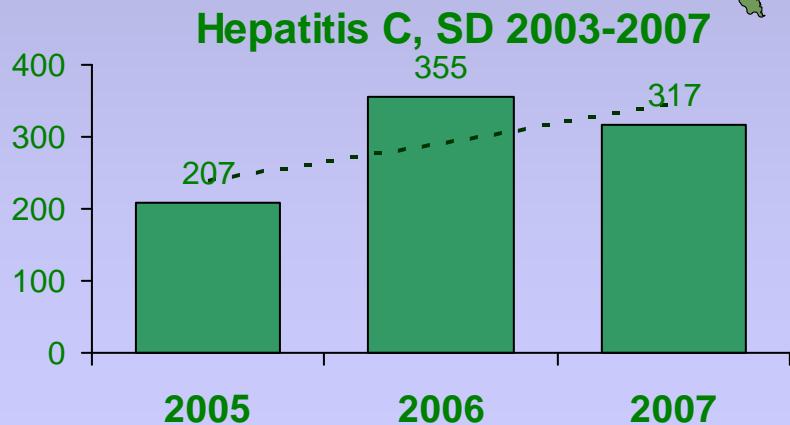
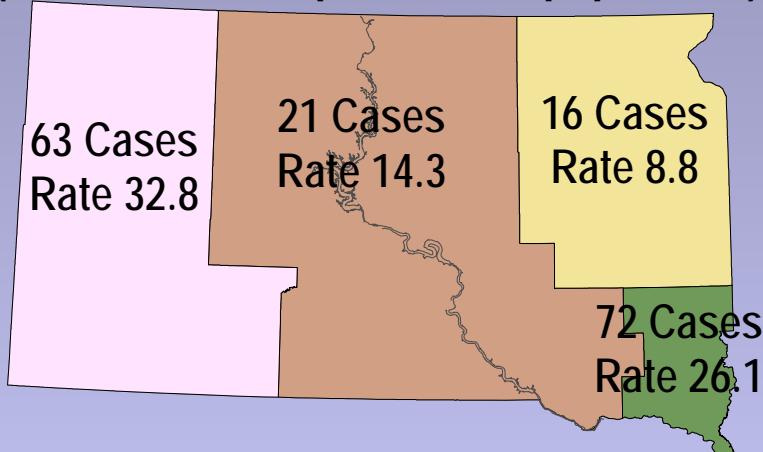


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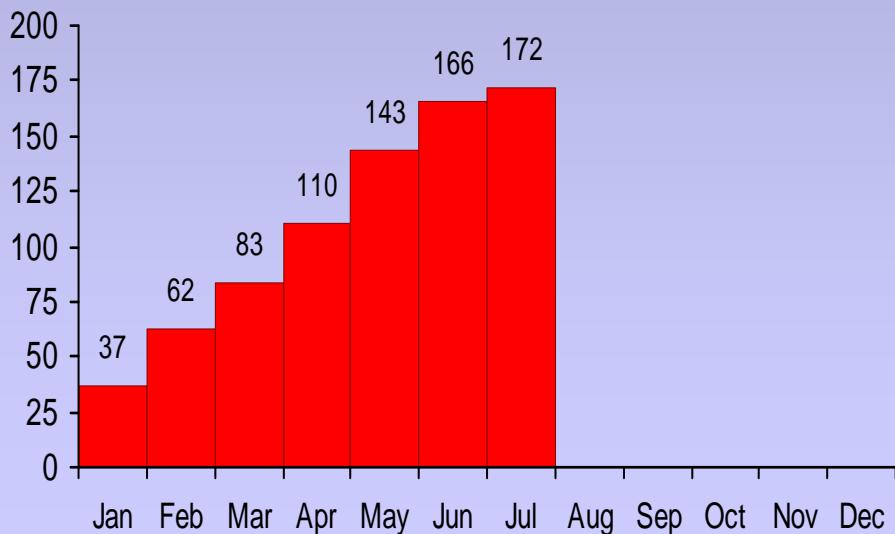
*Provisional data*

# Hepatitis C (chronic), South Dakota

**Hepatitis C  
South Dakota 172 Cases  
(Rate 21.6 cases per 100,000 population)**



## Cases by month, 2008 cumulative



Hepatitis C fact sheet:

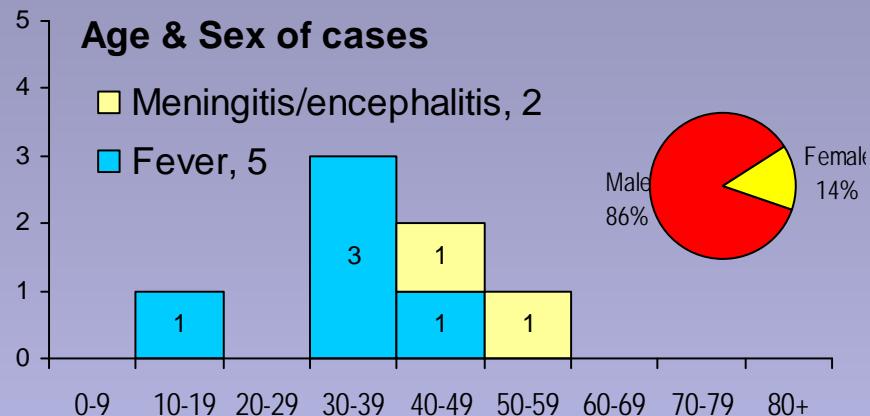
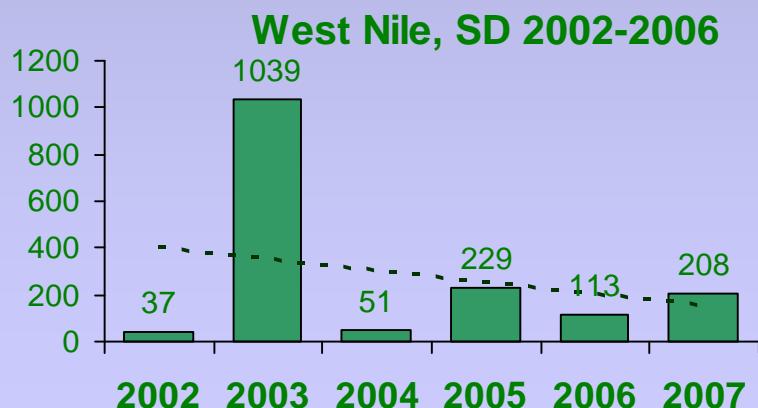
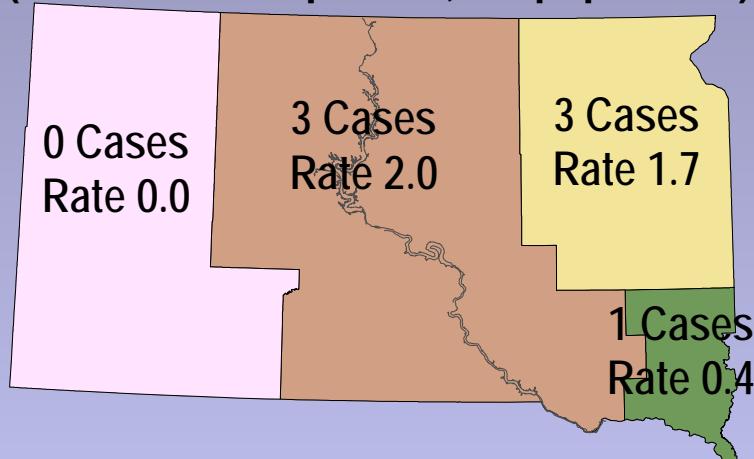
<http://doh.sd.gov/diseasefacts/HepatitisC.aspx>

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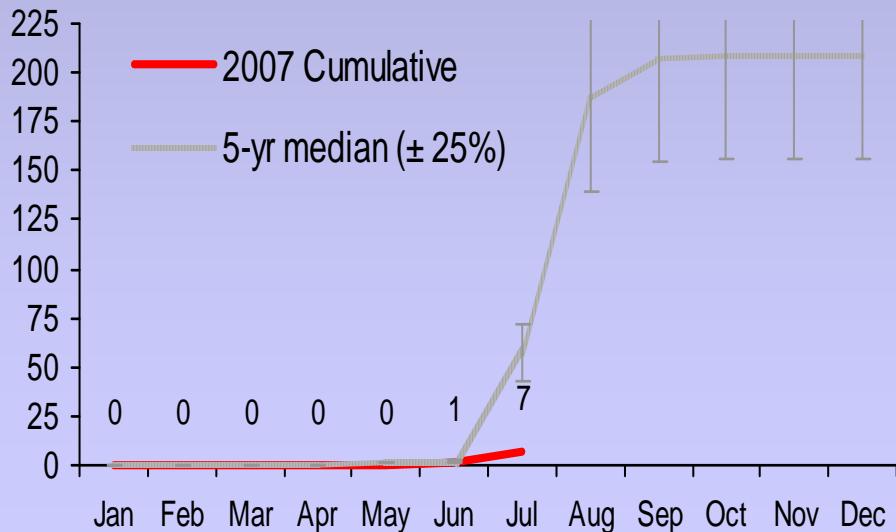
*Provisional data*

# West Nile disease, South Dakota

West Nile  
South Dakota 7 Cases  
(Rate 0.9 cases per 100,000 population)



## Cases by month, 2007 and 5-year median



West Nile information: <http://westnile.sd.gov>

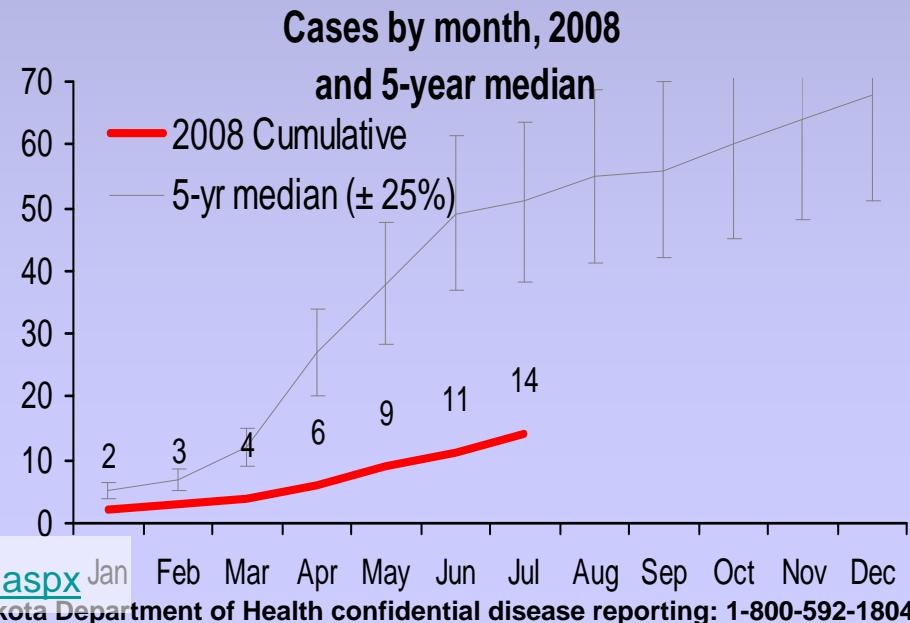
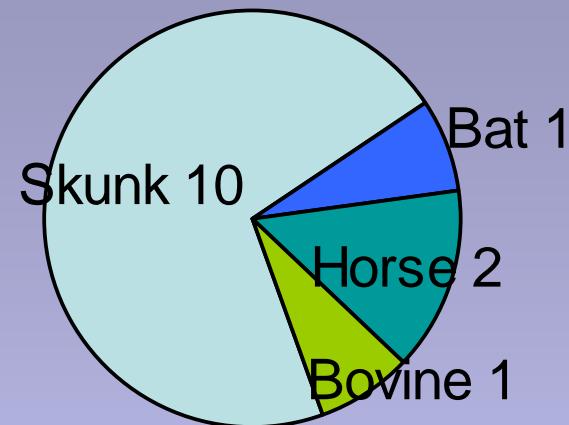
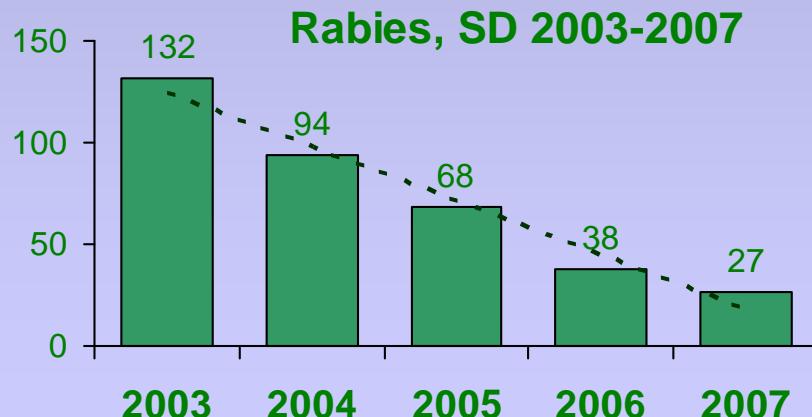
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

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# Rabies, South Dakota

## County: rabid animals 14

Brookings: skunk 1  
Clark: horse 2, skunk 1  
Grant: skunk 1  
Gregory: skunk 2  
Hamline: skunk 1  
Lake: skunk 1  
McCook: skunk 2  
Minnehaha: bovine 1, bat 1  
Meade: skunk 1



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# Other diseases, South Dakota, Year-to-date 2008

Disease	Total cases YTD	5-yr median	Central	Northeast	Southeast	West
Chicken pox	20	58	3	0	5	12
Cyclospora	1	0	0	1	0	0
Hepatitis A	1	2	0	1	0	0
Hepatitis B, chronic	15	-	1	1	9	4
Hepatitis E	1	0	-	-	-	-
Legionnaires'	1	3	0	0	0	1
Lyme disease	2	0	1	1	0	0
Meningococcal, invasive	1	2	0	0	1	0
Pertussis	6	17	1	1	1	3
Q Fever	1	0	1	0	0	0
Rocky Mt Spotted Fever	3	3	1	0	0	2
Staph toxic shock	1	-	1	0	0	0
Strep A, invasive	16	9	7	2	4	3
Strep B, invasive	9	9	2	1	4	2
Strep pneumo, <5 yrs old	5	-	1	0	3	1
Strep pneumo, drug res.	3	3	1	0	1	1
Syphilis, early	2	1	0	0	2	0
Tuberculosis	6	7	2	0	3	1
Tularemia	6	4	5	0	0	1
Typhoid fever	1	0	0	0	1	0

# Reportable Diseases List:

<http://doh.sd.gov/Disease/Report.aspx>

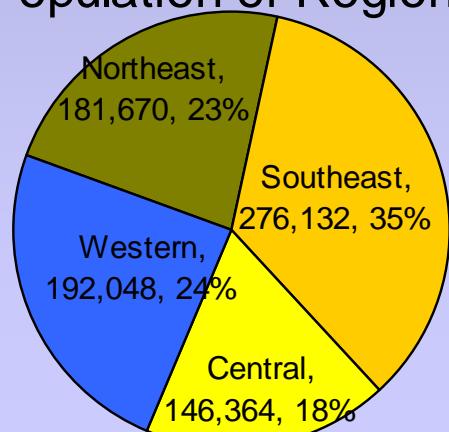


## To report infectious diseases

- Secure website: [www.state.sd.us/doh/diseasereport](http://www.state.sd.us/doh/diseasereport)
- Telephone: **1-800-592-1804** confidential recorder; or **1-800-592-1861** or **605-773-3737** for a disease surveillance person during normal business hours; after hours to report Category I diseases or other emergencies, call **605-280-4810**.
- Fax: **605-773-5509**
- Mail or courier, address to: Infectious Disease Surveillance, Office of Disease Prevention, Department of Health, 615 East 4th Street, Pierre, SD 57501; marked "Confidential Disease Report"

Case definitions: [www.cdc.gov/ncphi/disss/nndss/phs/infdis2008.htm](http://www.cdc.gov/ncphi/disss/nndss/phs/infdis2008.htm)

Population of Regions



South Dakota 2007 population est: 796,214

Monthly surveillance reports  
<http://doh.sd.gov/ID/site.aspx>